

Attorney Docket No. B45182

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INTERNATIONAL APP. NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/EP00/02467	17 March 2000	19 March 1999

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**TITLE OF INVENTION**

Vaccine Against Streptococcus Pneumoniae

**APPLICANT(S) FOR DO/US**

Carine CAPIAU, Marguerite DESCHAMPS, Pierre Michel, DESMONS, Craig Antony Joseph, LAFERRIERE, Jan POOLMAN, and Jean-Paul ,PRIEELS

**FILING OF AN INFORMATION DISCLOSURE STATEMENT**

Applicants request that the references identified on Form PTO-1449 appended hereto be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR 1.97

A copy of the International Search Report, which issued on International Application No. PCT/EP00/02467 is submitted herewith. All of the publications cited in the International Search Report are listed on the attached form PTO-1449 and Applicants understand that copies have been supplied to the U.S. Patent Office by the International Bureau.

Copies of references not listed on the International Search Report are enclosed.

The attached list of citations on PTO Form 1449 is being submitted under the provisions of 37 CFR §1.56 and §1.97 in order to comply with the duty of disclosure. Their inclusion herein should not, however, be construed as an admission that any particular cited reference is effective prior art or that it discloses or renders obvious any aspect of the claimed invention. This statement is being filed within the time period specified in 37 CFR §1.97(b). No fee is required.

Respectfully submitted,



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PATENT  
ATTORNEY'S DOCKET NUMBER B45182

TRANSMITTAL LETTER TO THE U.S. DESIGNATED OFFICE  
(DO/US) - ENTRY INTO NATIONAL STAGE UNDER 35 USC 371

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Assistant Commissioner for Patents

Washington, D.C. 20231

ATTENTION: DO/US

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**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Transmittal Letter, Form PTO 1390 and the papers indicated as being transmitted therewith, and Post Card are being deposited with the United States Postal Service on this date September 19, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL231308772US addressed to the:

Assistant Commissioner for Patents, Washington, D.C. 20231.

Sabrina Smith

(Typed or printed name of person mailing paper)

Dalma Smith  
(Signature of person mailing paper)



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JC03 Rec'd PCT/PTO 19 SEP 2001

Sheet 1 of 2 .

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. <b>B45182</b>	INTERNATIONAL APPLICATION NO.: <b>PCT/EP00/02467</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICANT <b>Capiau, et al.</b>	
<i>(Use several sheets if necessary)</i>		INTERNATIONAL FILING DATE <b>17 March 200</b>	GROUP <b>Unknown</b>

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AD	Lee, et al., "Immunologic Epitope, Gene, and Immunity Involved in Pneumococcal Glycoconjugate," <i>Critical Reviews in Microbiology</i> , 23(2): 121-142 (1997).
	AE	Briles, et al., "Pneumococcal Diversity: Consideration for New Vaccine Strategies with Emphasis on Pneumococcal Surface Protein A (PspA)," <i>Clinical Microbiology Reviews</i> , 11(4): 645-657 (1998).
	AF	Alexander, et al., "Immunization of Mice with Pneumolysin Toxoid Confers a Significant Degree of Protection against At Least Nine Serotypes of <i>Streptococcus pneumoniae</i> ," <i>Infection and Immunity</i> , 62(12): 5683-5688 (1994).
	AG	Michon, et al., "Multivalent pneumococcal capsular polysaccharide conjugate vaccines employing genetically detoxified pneumolysin as a carrier protein," <i>Vaccine</i> , 16(18): 1732-1741 (1998).

AH	DeVelasco, et al., "Synthetic Peptides Representing T-Cell Epitopes Act as Carriers in Pneumococcal Polysaccharide Conjugate Vaccines," Infection and Immunity, 63(3): 961-968 (1995).	
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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